"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ACC NR: AT6034448 (A) SOURCE CODE: UR/0000/66/000/000/0132/0134

AUTHOR: Medovar, B. I.; Chekotilo, L. V.; Pavliychuk, G. A.

ORG: none

TITLE: Alloying of heat resistant austenitic steel Type Kh25N20S2 with 0.2-0.7% boron

SOURCE: AN SSSR. Institut metallurgii. Svoystva i primeneniye zharoprochnykh splavov (Properties and application of heat resistant alloys). Moscow, Izd-vo Nauka,

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

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ACC NR: AT6034448

Kh25N20S2, with amounts of boron from 0.3-0.7% is an effective means of increasing their strength and heat resistance, while retaining a high degree of long-term ductility; 2) these steels, alloys, and welded joints, thanks to their two-phase austenite-boride structure, have no tendency toward formation of hot cracking. Orig. art. has: 2 figures and 2 tables.

SUB CODE: 11/ SUBM DATE: 10Jun66/ ORIG REF: 002/ OTH REF: 002

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ACC NR: AP6032554 SOURCE CODE: UR/0125/66/000/009/0032/0034

AUTHOR; Nikitin, B. M.; Koval', A. Ye., Zabaluyev, Yu. I.; Kaganovskiy, G. P.; Moshkevich, Ye. I.; Medovar, B. I.; Latash, Yu. V.

ORG: [Nikitin, Koval'] UKRNIISPETsSTAL'; [Zabaluyev, Kaganovskiy, Moshkevich] Dneprospetsstal' Plant (Zavod "Dneprospetsstal'"); [Medovar, Latash] Electric Welding Institute im. Ye. O. Paton AN USSR (Institut elektrosvarki AN USSR)

TITLE: The behavior of aluminum during electroslag melting of silicon steel

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ACC NR: AP6032554

from slag. It should be pointed out that the recovery of aluminum during melting is not steady. Aluminum content in the metal increases during the first part of silicon steel melting and decreases subsequently. The decrease in aluminum recovery is explained by the accumulation of silica and a decreasing alumina content in the slag. This brings about a higher silicon concentration and thus decreases aluminum concentration. The use of slag materials which ensure stable aluminum concentration with respect to ingot height make it possible to obtain metal with uniform mechanical and other properties. Orig. art. has: 3 figures, 1 table, 1 formula.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ACC NR: AT6034462 (A) SOURCE CODE: UR/000/66/000/000/025B/0262

AUTHOR: Medovar, B. I.; Pinchuk, N. I.; Us, V. I.

ORG: none

TITLE: Effect of boron on properties of austenitic steels

SOURCE: AN SSSR. Institut metallurgii. Svoystva i primeneniye zharoprochnykh splavov (Properties and application of heat resistant alloys). Moscow, Izd-vo Nauka,

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ACC NR: AT6034462

increased and the plastic properties were lower. The toughness of the steel decreases sharply from 24 to 3-8 kgm/cm^2; 2) as a result of alloying austenitic steel Kh15N24V4T with intermetallic hardening, with boron in amounts between 0.40-0.70%, the strength properties of the steel decrease, and there is a simultaneous decrease in the plastic properties. The toughness decreases from 10-13 to 4-8 kgm/cm^2. In conclusion, the following advantages are listed for the alloying of austenitic steels with boron: 1) high resistance to local failure in the neighborhood of welded joints; 2) high resistance to the appearance of hot cracking around welded joints and to

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ACC NR: AP7001930 SOURCE CODE: UR/0125/66/000/0012/0052/0057

AUTHOR: Medovar, B. I.; Pinchuk, N. I.; Chekotilo, L. V.; Pavliychuk, G. A.; Us, V. T.; Tabidze, A. I.

ORG: Electric Welding Institute im. Ye. O. Paton, AN UkrSSR (Institut elektrosvarki AN UkrSSR)

TITLE: Weldable boron-bearing austenitic steels and alloys

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ACC NR: AP7001930

Both steels have satisfactory heat resistance (EP467 steel in stress-rapture tests at 650C under a stress of 28 kg/mm^2 failed after 5909 hr at an elongation of 14.0% and a reduction of area of 19.9%), satisfactory weldability, and low susceptibility to local fractures in the weld-adjacent zone. Boron-bearing nickel-base alloys were developed as cast alloys for parts operating at temperatures up to 1200C. Cast Kh20N77T3YR alloy containing 0.70% boron had at 800C a tensile strength of 64.5 kg/mm^2, a yield strength of 64.1 kg/mm^2, an elongation of 1.76%, a reduction of area of 3.0%, and a notch toughness of 1 mkg/cm^2 compared to 46.0 kg/mm^2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAR, B. S.

"Aciers austenitiques au bore ayant une bonne soudabilite pour conduites de vapeur a caracteristiques elevees."

report submitted for 17th Annual Assembly, Intl Inst of Welding, Prague, Jul 64.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

BARABOY, V.A.; MEDOVAR, B.Ya.

Antiradiation and antioxidation properties of some polyphenols. Ukr. biokhim. zhur. 35 no.6:924-930 '63. (MIRA 18:7)

1. Laboratoriya biofiziki Instituta fiziologii im. A.A.Bogomol'tsa AN UkrSSR i laboratoriya biokhimii Kiyevskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

DUKHAN, D.S.; MEDOVAR, B.Ya.; DAVIDAN, R.G.

Sanitation and hygienic characteristics of certain ion exchangers.
Plast. massy no.12:39-40 '64. (MIRA 18:3)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

L 44291-66 EWT(l)/EWT(m)/EWP(j) LJP(c) RO/RM

ACC NR: AR6013542 (A,N) SOURCE CODE: UR/0397/65/000/020/0056/0056

AUTHOR: Dukhan, D. S.; Davidan, R. G.; Kaznachey, R. Ya.; Medovar, B. Ya. 36

TITLE: New forms of synthetic materials used in the food industry and their hygienic evaluation

SOURCE: Ref. Zh. Farmakologiya. Toksikologiya, Abs. 20.54.425

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

L 44291-66

ACC NR: AR6013542

containers and dishes, and anionite EDE-10p which eliminates almost all foreign organic and nonorganic substances from sugar beet juice. Excessive amounts of plasticizer should be avoided in the manufacture of polychlorvinyl products. Then, it can be used in contact with food products. N. Popov. [Translation of abstract].

SUB CODE: 06, 11

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ACC NR: AP7004796 (A) SOURCE CODE: UR/0413/67/000/001/0131/0131

INVENTOR: Khantsin, Ya. G.; Medovar, B. Ya.

ORG: None

TITLE: A method for producing non-alcoholic beverages. Class 53, No. 190197

SOURCE: Izobreteniya, promyshlennyye obroztsy, tovarnyye znaki, no. 1, 1967, 131

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

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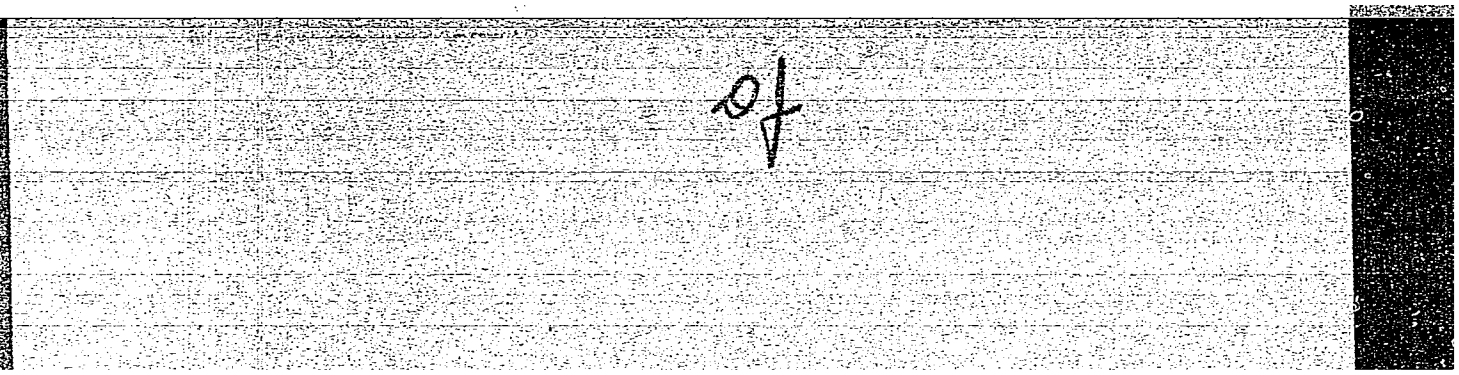

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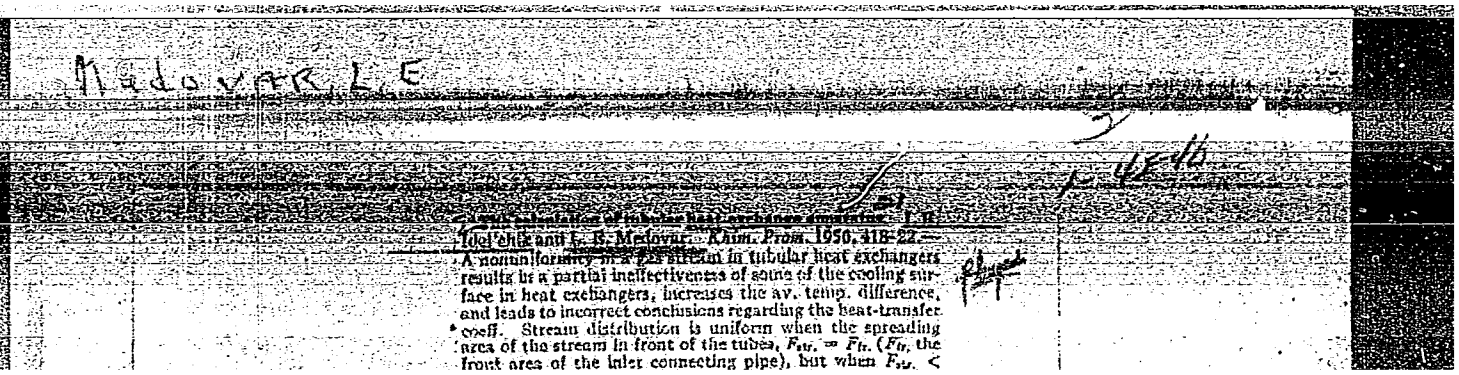

Nadoverkle

[illegible] of tubular heat-exchange apparatus. I. N. Idel'chik and L. E. Medovar. *Khim. Prom.* 1950, 318-22.—A nonuniformity in a gas stream in tubular heat exchangers results in a partial ineffectiveness of some of the cooling surface in heat exchangers, increases the av. temp. difference, and leads to incorrect conclusions regarding the heat-transfer coeff. Stream distribution is uniform when the spreading area of the stream in front of the tubes, $F_{sp.} = F_{fr.}$ ($F_{fr.}$ the front area of the inlet connecting pipe), but when $F_{sp.} <$

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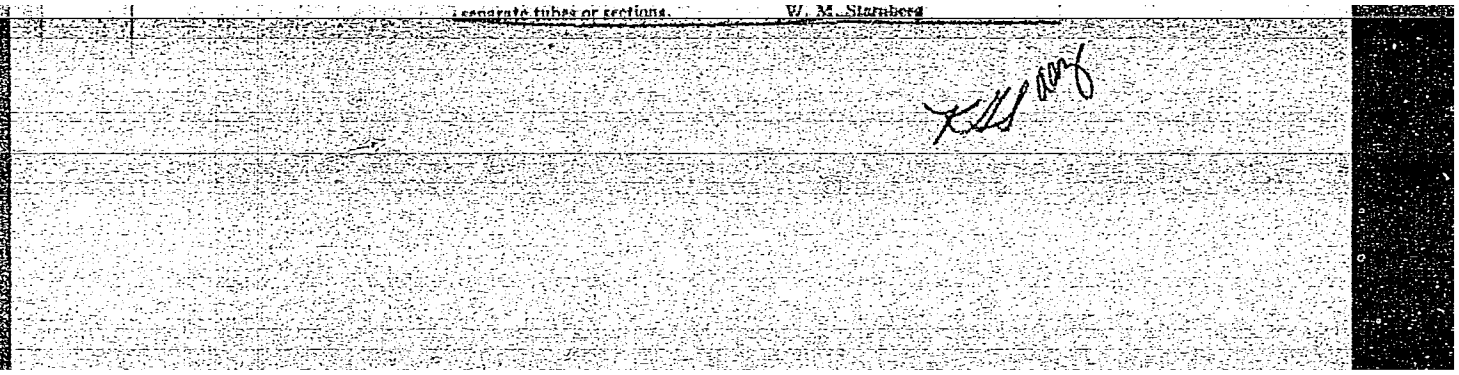

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAR, L.Ye

AUTHOR: Medovar, L.Ye., Engineer

67-6-12/23

TITLE: Foreign Patents (Inostrannyye patenty)

PERIODICAL: Kislorod, 1957, Nr 6, pp. 32-37 (USSR)
Received: April 7, 1958

ABSTRACT: This article contains short reports concerning 4 American and 1 Swiss patent in the fields of gas separation, air purification,

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAR, L.Ye., inzh.

Use of gas bearings in air coolers. Kislorod 10 no.6:36-37 '57.
(MIRA 11:4)

(Bearings (Machinery))
(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAR, L Ye
(pr)

PHASE I BOOK EXPLOITATION SOV/5039

Brodyanskiy, Viktor Mikhaylovich, and Frina Isaakovna Meyerzon

Proizvodstvo kisloroda (Production of Oxygen) Moscow, Metallurgizdat, 1960. 469 p. Errata slip inserted. 5,200 copies printed.

Ed.: I. P. Ishkin; Ed. of Publishing House: M. R. Lanovskaya;

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

equipment for transporting and storing of oxygen. Problems of control of the industrial processes, automatization of the apparatus and equipment, and accident prevention during work with oxygen are discussed. Specifications for various oxygen units and insulating materials, and diagrams [entropy vs. temperature, enthalpy vs. temperature, enthalpy vs. effic-

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

I. R. Zusman, and A. V. Martynov. There are 93 references: 84 Soviet, 4 English, 4 German, and 1 French.

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4. Heat exchange apparatus of oxygen units 111
5. Purification of the liquid vaporizer from solid carbon dioxide by filtration 139

Ch. 3. Machinery for Oxygen Production 141
1. Expanders and turboexpanders 141

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

BADYL'KES, I.S., prof., doktor tekhn.nauk; BUKHTER, Ye.Z., inzh.; VEYNBERG, B.S., kand.tekhn.nauk; VOL'SKAYA, L.S., inzh.; GERSH, S.Ya., prof., doktor tekhn.nauk [deceased]; GUREVICH, Ye.S., inzh.; DANILOVA, G.N., kand.tekhn.nauk; YEFIMOVA, Ye.V., inzh.; IOFFE, D.M., kand.tekhn.nauk; KAN, K.D., kand.tekhn.nauk; LAVROVA, V.V., inzh.; MEDOVAR, L.Ye., inzh.; ROZENFEL'D, L.M., prof., doktor tekhn. nauk; TKACHEV, A.G., prof., doktor tekhn.nauk; TSYBLIN, B.L.; SHUMELISHSKIY, M.G., inzh.; SHCHERBAKOV, V.S., inzh.; YAKOBSON, V.B., kand.tekhn.nauk; GOGOLIN, A.A., retsenzent; GUKHMAN, A.A., retsenzent;

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ALEKSANDROV, S.V.---(continued) Card 2.
1. Vsesoyuznyy institut rasteniyevodstva (for Sechkarev, Lizgunova, Brezhnev, Gazenbush, Meshcherov, Filov, Tkachenko, Kazakova, Krasochkin, Levandovskaya, Shebalina, Syskova, Makasheva, Ivanov, Martynov, Girenko, Ivanova, Shilova). 2. Gribovskaya ovoshchnaya selektsionnaya opytnaya stantsiya; chleny-korrespondenty Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Alpat'yev, Solov'yeva). 3. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Brezhnev).
(Potatoes--Varieties)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

22597
S/066/60/000/002/002/006
A003/A129

26.2194

AUTHORS: Medovar, L.; Uzhanskiy, V.; Tsyrlin, B.; - Engineers

TITLE: Electronic indicators for refrigerating compressors

... tekhnika, no. 2, 1960, 8 - 12

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

Electronic indicators for refrigerating compressors

1954]. The circuit diagram of an electronic indicator used at the VNIKhI is shown in Figure 1. The resistors of the pickup tensiometers R_{∂_1} and R_{∂_2} are connected to two shoulders of the bridge. The resistors R_3 and R_4 form two other shoulders of the bridge. The potentiometer R_5 with the capacitor C compensates the para-

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

Electronic indicators for refrigerating compressors

1959] which is inserted directly into the valve plate from the cylinder side and communicates with the atmosphere (Fig. 4). The position of the pickup in relation to the cylinder is of utmost importance. In order to obtain accurate results, the device must satisfy the following conditions: 1) the dependence between the pressure to be tested and the deviation of the oscillograph ray must be

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

Electronic indicators for refrigerating compressors

ture changes. Small-size transportable pickups should be developed for work under operation conditions. There are 4 figures and 11 Soviet references.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promy-

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

S/066/60/000/006/006/009
A053/A029

AUTHORS: Agarev, Ye., Medovar, L., Engineers, Pavlova, I., Candidate of Technical Sciences

TITLE: Piezoelectric Indicator for Refrigerating Compressors

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

S/066/60/000/006/006/009
A053/A029

Piezoelectric Indicator for Refrigerating Compressors

tors are only suitable for measuring static pressures in view of the fact that the signal of a piezo-electric pickup has no constant components. [illegible] made from semiconductors which have

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

S/066/60/000/006/006/009
A053/A029

Piezoelectric Indicator for Refrigerating Compressors

system of the indicator without additional resistance to leakage. For stabilization of the high voltage a miniature glass stabilizer CГ1П (SG1P) is used, which is holding 150 v, allowing fluctuations of 10 - 15 %. The work of the cathode repeater is full[illegible]

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

S/066/60/000/006/006/009
A053/A029

Piezoelectric Indicator for Refrigerating Compressors

Piezo-electric indicators equipped with piezo-ceramic pressure pickups h
the following advantages over other types of indicat
tric types): The indications of t
ature ;

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

BRODYANSKIY, V.M., kand.tekhn.nauk; MEDOVAR, L.Ye., inzh.

Using the principle of "exergy" for testing the refrigerating equipment. Khol. tekh. 38 no.5:41-47 S-O '61. (MIRA 15:1)

1. Moskovskiy energeticheskiy institut (for Brodyanskiy).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti imeni A.I.Mikoyana (for Medovar).
(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

AGAREV, Yevgeniy Mikhaylovich; MEDOVAR, Lazar' Yefimovich; SHUVALOV, L.A., kand. fiz.-matem. nauk, nauchnyy red.; KAPLUN, M.S., red.; EL'KINA, E.M., tekhn. red.

[Electronic indicators for refrigerator compressors]Elektronnye indikatory dlia kholodil'nykh kompressorov; nauchnoe soobshchenie. Moskva, Gostorgizdat, 1962. 54 p. (MIRA 16:3)
(Compressors)
(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAR, L.Ye., inzh.

Energy efficiency of a refrigerator compressor. Khol.tekh. 40 no.1: 33-37 Ja-F '63. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti.
(Refrigeration and refrigerating machinery) (Compressors)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

L 36230-65
ACCESSION NR: AP5010286 UR/0286/64/000/014/0062/0062

AUTHOR: Agarev, Ye. M.; Medover, L. Ye.; Persiyaninov, L. S.; Musakov, L. Z.; Yavorovskiy, V. I.

TITLE: Piezoelectric pressure pickup. Class 42, No. 164149

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1964, 62

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

figure.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti (All-Union Scientific Research Institute of the Refrigeration Industry)

SUBMITTED: 28Feb64 ENCL: 01 SUB CODE: IE, MT

NO REF, SOV: 000 OTHER: 000 JPRS

Card 1/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAR, I.Ye.

Indicating of [illegible] and [illegible] compressors. Khol.tekh. 42 no.2 [illegible] (MIRA 18:5)
Mr-Ap '65.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAR, Ye.N.

The properties of adenosine deaminase in the muscle of the heart. Z. Yu. Nechiporenko and E. N. Medovar (Inst. Biochem., Acad. Sci. Ukr.S.S.R., Kiev). *Ukrain. Biokhim. Zhur.* 25, 184–91(in Russian, 191–2)(1953).— The protein fractions of the heart muscle, myosin A and B, had no deaminase; the water-sol. protein fraction of the

(3)

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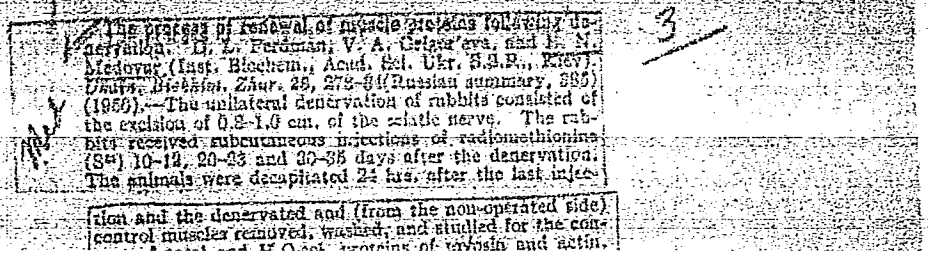
MEDOVAR, YE. N.



The process of renewal of muscle proteins following denervation. D. L. Feldman, V. A. Orlova'eva, and Ye. N. Medovar (Inst. Biochem., Acad. Sci. Ukr. S.S.R., Kiev). *Ukrain. Biokhim. Zhur.* 28, 278–84 (Russian summary, 285) (1956).—The unilateral denervation of rabbits consisted of the excision of 0.8–1.0 cm. of the sciatic nerve. The rabbits received subcutaneous injections of radiomethionine (S^{35}) 10–12, 20–23 and 30–35 days after the denervation. The animals were decapitated 24 hrs. after the last injection and the denervated and (from the non-operated side) control muscles removed, washed, and studied for the content [illegible] and H$_2$O-sol. proteins of myosin and actin.

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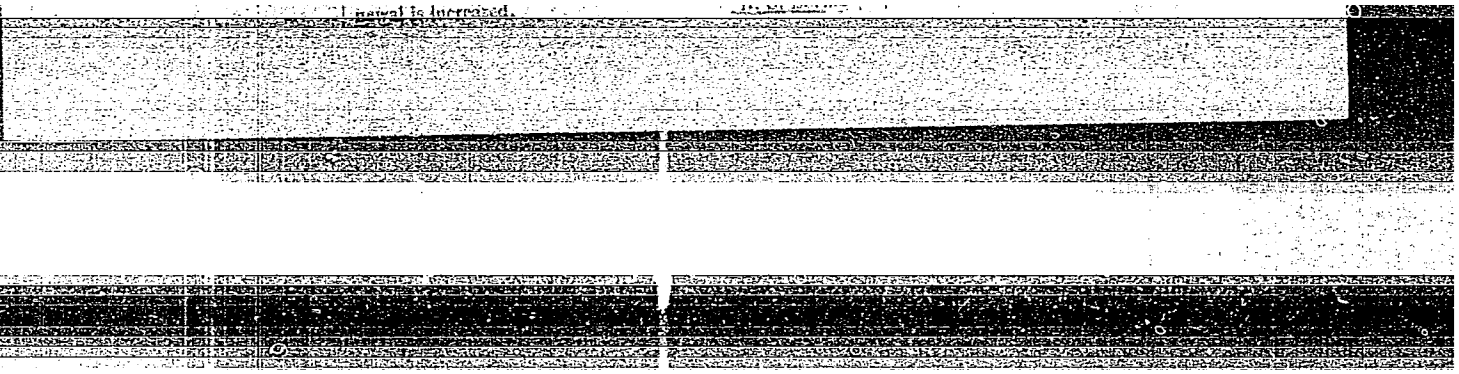
"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2



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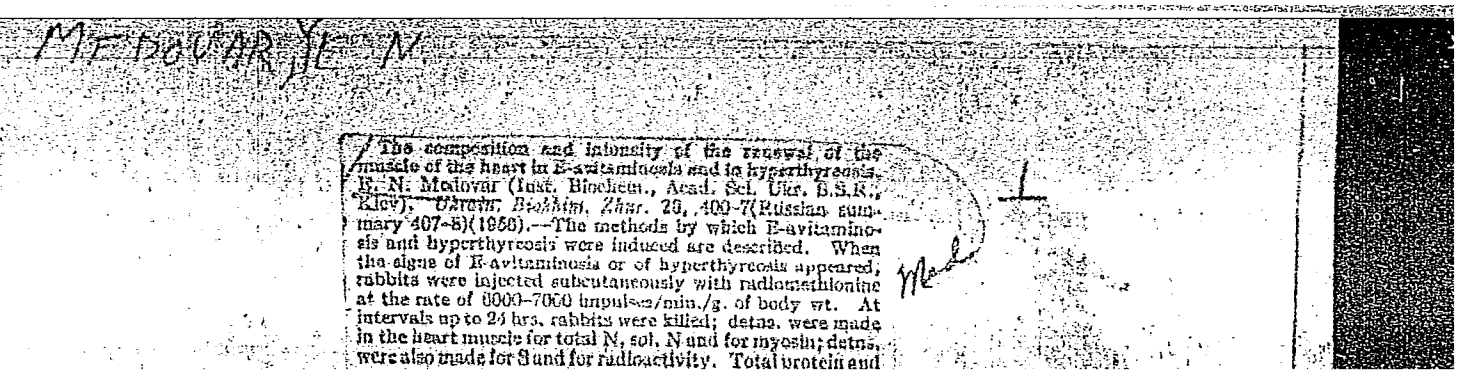

The composition and intensity of the renewal of the muscle of the heart in E-avitaminosis and in hyperthyreosis. E. N. Malovar (Inst. Biochem., Acad. Sci. Ukr. S.S.R., Kiev). *Ukrain. Biokhim. Zhur.* 29, 400-7(Russian summary 407-8)(1958).—The methods by which E-avitaminosis and hyperthyreosis were induced are described. When the signs of E-avitaminosis or of hyperthyreosis appeared, rabbits were injected subcutaneously with radiomethionine at the rate of 6000–7000 impulses/min./g. of body wt. At intervals up to 24 hrs. rabbits were killed; detns. were made in the heart muscle for total N, sol. N and for myosin; detns. were also made for S and for radioactivity. Total protein and

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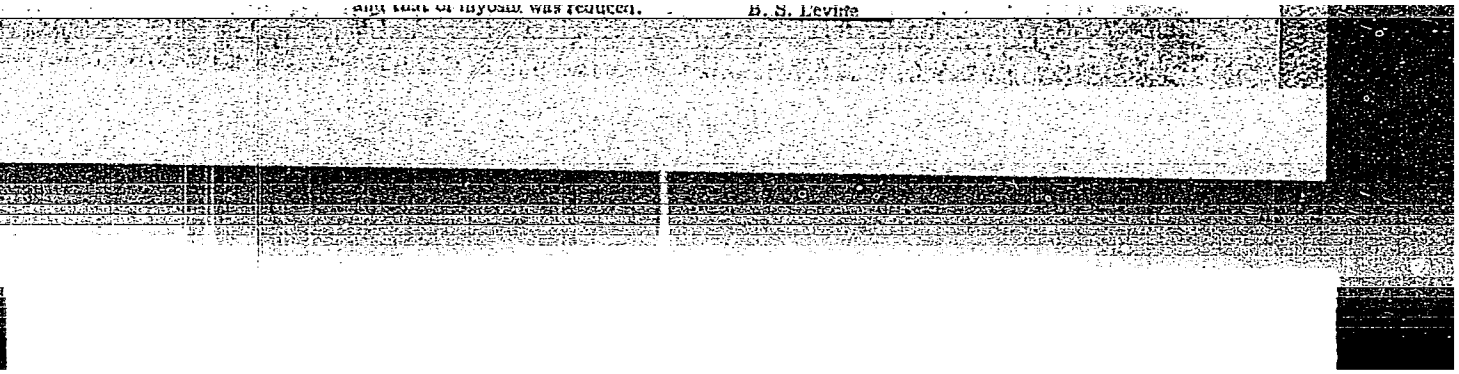

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAR E. N.

USSR / Human and Animal Physiology. Metabolism. T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101528.

Author : Medovar, E. N.
Inst : Not given.
Title : Oxygen Consumption of the Cardiac Muscle of Rabbits With Avitaminosis E and Hyperthyreosis.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

USSR / Human and Animal Physiology. Metabolism. T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101588.

Abstract: addition of lactic acid, a decrease of O_2 consumption was noted only in the latter. -- V. I. Rozengart.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

Medovar, Ye.N.

NECHIPORENKO, Z.Yu.; MEDOVAR, Ye.N.

Incorporation of sulfur-bearing amino acids into proteins during muscular work [with summary in English]. Ukr.biokhim.zhur. 29 no.1: 65-70 '57. (MIRA 10:5)

1. Institut biokhimii Akademii nauk Ukrains'koi RSR, Kiev.
(METHIONINE) (PROTEIN METABOLISM) (WORK)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAR, Ye.N. [Medovar, IE.N.]

Content of ATP and products of its decomposition in the myocardium and skeletal muscles in hyperthyroidism. Ukr. biokhim. zhur. 36 no. 2:253-257 '64. (MIRA 17:11)

1. Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R., Kiyev.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

CRYCHEVSKAYA, V.A. [Hrychevs'ka, V.A.]; MEDOVAR, Ye.N. [Medovar, Ye.N.]

Protein content and adenosinetriphosphatase activity of muscular elements of muscles under normal conditions and in [illegible]. Ukr. biokhim. zhur. 35 no.6:816-828 '63. (MIRA 18:7)

1. Institut biokhimii AN UkrSSR, Kiyev.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

L 5223-66

ACC NR: AP5026258 SOURCE CODE: UR/0331/65/000/007/0023/0023

AUTHORS: Medovaya, A.; Kurinnoy, K.

ORG: none

TITLE: A propeller guard of a launch

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

L 5223-66
ACC NR: AP5026258

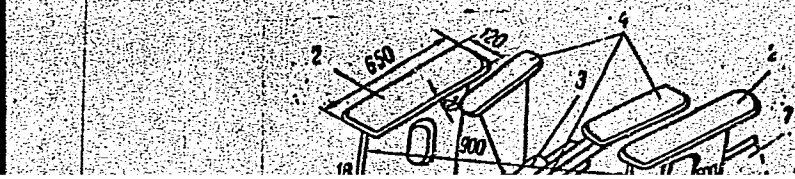

Fig. 1. Propeller guard of a launch: 1- guard;

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A. P.

Natural History - Study and Teaching

Sequence in the teaching of natural science in the fourth and fifth grades. Est. v shkole No. 5, 1952.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.P., kandidat pedagogicheskikh nauk.

Experiment in teaching botany based on Michurin's theories. Est.v shkole no.6: 44-50 '53. (MLRA 6:10)

1. Leningradskiy nauchno-issledovatel'skiy institut pedagogiki Akademii pedagogicheskikh nauk RSFSR. (Botany--Study and teaching)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.P., kandidat pedagogicheskikh nauk.

Development of skills and practices in the study of botany. Est. v shkole no.2:48-57 Mr-Ap '54. (MLRA 7:3)

1. Leningradskiy nauchno-issledovatel'skiy institut pedagogiki Akademii pedagogicheskikh nauk RSFSR. (Botany--Study and teaching)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, Anna Prokof'yevna; MAKAROVA, Klavdiya Grigor'yevna; TARNYAGINA, V.V., redaktor; RAKOVITSKIY, I.G., tekhnicheskiy redaktor.

[Laboratory work in botany for secondary schools] Laboratornye raboty po botanike v srednei shkole. Leningrad, Gos.uchebno-pedagog. izd-vo M-va prosv.RSFSR, Leningr. otd-nie, 1957. 127 p. (MIRA 10:11)
(Botany--Laboratory manuals)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.P., kand. pedagogicheskikh nauk

Use of visual methods in teaching botany. Biol. v shkole no. 3:20-25 My-Je '58. (MIRA 11:8)

1. Leningradskiy nauchno-issledovatel'skiy institut pedagogii APN RSFSR.
(Botany--Study and teaching)
(Visual education)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.P., kand.pedagog.nauk

Interrelationship of botanical and zoological studies. Biol.v shkole no.3:15-21 My-Je '59. (MIRA 12:9)

1. Leningradskiy nauchno-issledovatel'skiy institut pedagogiki Akademii pedagogicheskikh nauk RSFSR.
(Botany--Study and teaching)
(Zoology--Study and teaching)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.P.

Methodological instructions for the lesson "Plant is a living organism." Biol. v shkole no.2:37-40 Mr-Ap '62. (MIRA 15:2)

1. Leningradskiy nauchno-issledovatel'skiy institut vechernikh i zaochnykh srednikh shkol Akademii pedagogicheskikh nauk RSFSR.
(Botany--Study and teaching)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.P., kand.pedagogicheskikh nauk

Let's improve the efficiency of biology lessons in the evening (staggered) secondary schools. Biol.v shkole no.6:35-39 N-D '62. (MIRA 16:2)

1. Nauchno-issledovatel'skiy institut vechernikh (zaochnykh) i zaochnykh srednikh shkol Akademii pedagogicheskikh nauk RSFSR.
(Biology—Study and teaching)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Contribution of efficiency promoters to technological progress. Gidroliz. i lesokhim.prom. 14 no.4:21-22 '61. (MIRA 14:5)

1. Leningradskiy gidroliznyy zavod.
(Leningrad—Hydrolysis)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.; LYUBIMOV, Ye.M.

Demountable platform for moving electric motors. Gidroliz. i lesokhim. prom. 14 no.5:17 '61. (MIRA 16:7)

1. Leningradskiy gidroliznyy zavod.
(Separators (Machines)—Electric driving)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Device for setting manometers into a checking press. Izm.tekh. no.8:37 Ag '62. (MIRA 16:4)
(Manometer—Testing)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.; BELYAKOV, S.P.

Cleaning of the discharge connecting pipes of hydrolysis apparatus. Gidroliz. i lesokhim.prom. 15 no.2:28 '62. (MIRA 18:3)

1. Leningradskiy gidroliznyy zavod.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Device for cutting the diagram paper. Gidroliz.i lesokhim.prom. 15 no.3:27 '62. (MIRA 15:5)

1. Leningradskiy gidrolizhnyy zavod.
(Leningrad--Hydrolysis)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Contribution of our efficiency promoters. Gidroliz.i lesokhim.prom. 15 no.6:29 '62. (MIRA 15:9)

1. Leningradskiy gidrolizuyy zavod.
(Leningrad—Hydrolysis) (Efficiency, Industrial)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

With the help of efficiency promoters. Gidroliz. i lesokhim. prom. 16 no.2:24-25 '63. (MIRA 16:6)

1. Leningradskiy gidrolizuyy zavod.
(Leningrad--Hydrolysis)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Fighting for new and progressive developments. Gidroliz. i lesokhim. prom. 16 no.4:28 '63. (MIRA 16:7)

1. Leningradskiy gidroliznyy zavod.
(Hydrolysis) (Efficiency, Industrial)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Use of the piezometric method for level measuring in the yeast growing tank. Gidroliz. i lesokhim. prom. 16 no.6:26 '63. (MIRA 16:10)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Improving ion exchange filters. Gidroliz. i lesokhim. prom 16 no.7:25 '63.

1. Leningradskiy gidroliznyy zavod.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Small savings yield great results. Gidroliz. i lesokhim.prom. 16 no.8: 28 '63. (MIRA 17:1)

1. Leningradskiy gidroliznyy zavod.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Three proposals of efficiency promoters. Gidroliz. i lesokhim. prom. 17 no.2:23-25 '64. (MIRA 17:4)

1. Leningradskiy gidrolizhnyy zavod.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Technological innovations in the Leningrad Hydrolysis Plant.
Gidroliz. i lesokhim.prom. 18 no.1:19-21 '65.
(MIRA 18:3)

1. Leningradskiy gidrolizny zavod.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVAYA, A.S.

Technological innovations in the Leningrad Hydrolysis Plant. Gidroliz. i lesokhim.prom. 18 no.4:22-23 '65.
(MIRA 18:6)

1. Leningradskiy gidroliznyy zavod.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ROYTER, I.M.; BERZINA, N.I.; BASHIROVA, R.S., v proizvodstvennykh ispytaniyakh uchastvovali: KOVALENKO, A.Ya., assistent; MEDOVAYA, E.I., mikrobiolog

Effect of table salt in the preparation of liquid yeasts.
Trudy KTIPP no.17:57-68 '57. (MIRA 13:1)

1. Kiyevskiy khlebozavod No.5 (for Medovaya).
(Yeast) (Baking)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

L 29249-66

ACC NR: AP6019315 SOURCE CODE: UR/0104/66/000/002/0040/0041

AUTHOR: Kravtsov, V. G. (Engineer); Medovaya, M. S. (Engineer) 51

ORG: none B

TITLE: Rotating-blade hydroturbine for Saratovskaya hydroelectric power station

SOURCE: Elektricheskiye stantsii, no. 2, 1966, 40-41

TOPIC TAGS: water turbine, turbine blade, servomechanism, hydroelectric power plant

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVIC, J.

Hacquetia epipactis (Sc.) in the Little Carpathian Mountains. p. 761

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVIC, Jan

Distribution of Carex strigosa Huds. in Slovakia. Biologia 15 no.2: 62-65 '60. (EEAI 9:5)

1. Slovenske vydavatelstvo podohospodarskej literatury, Bratislava. (SLOVAKIA--CAREX STRIGOSA)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

OREKHOV, V.G., kand.tekhn.nauk; KOMZIN, B.I., aspirant; MEDOVIKOV, A.I., inzh.

Analyzing the work of apparatus for the investigation of stresses within massive concrete structures. Sbor.trud. MISI no.29:219-228 '59. (MIRA 12:7)

(Strains and stresses)
(Concrete construction--Testing)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MELOVIKOV, A. I. Cand Tech Sci — (diss) "Investigation of ~~stress~~ STRESS concentration of a gravitational causeway situated on a solid foundation by electrical analogy," Moscow, 1960, 23 pp, 160 cop (Moscow Engineering Construction Institute im V. V. Kuybyshev; Chair of Resistance of Materials and Theory of Elasticity) (KL, 43-60, 118)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

S/194/61/000/006/011/077
D201/D302

AUTHOR: Medovikov, A.I.

TITLE: Solving the two-dimensional compound problem of the theory of elasticity by electrical analogue of the

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

Solving the two-dimensional...

electric circuit solving the above problem consists of three interconnected resistor grids (Ψ, θ and φ) and of an auxiliary grid used for producing limit values of function φ. The action of the auxiliary grid is explained in automatic reproduction of limit

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

Solving the two-dimensional...

The overall dimensions of the integrator are 100 x 155 x 74 mm. A sketch of the construction of the integrator and a short description are given. It is shown in conclusion that electric simulation of a function representing stresses widens the scope of application

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

OREKHOV, V.G., kand.tekhn.nauk; MEDOVIKOV, A.I., inzh.

Some problems in designing devices for measuring deformations and stresses in concrete. Sbor.trud.MISI no.32:58-66 '61. (MIRA 14:7)
(Concrete—Testing)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

KAMENSKIY, S.; MEDOVIKOV, I.

New harbor embankment designs. Mor.flot.16 no.9:18-22 S '56.
(MLRA 9:10)

1.Uchenyy sekretar' otdeleniya Nauchno tekhnicheskogo obshchestva vodnogo transporta Soyuzmorproyekta (for Kamenskiy). 2.Starshiy ekspert Tekhnicheskogo Ministerstva morskogo flota. (for Medvikov).
(Harbors) (Embankments)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

Medovikov, I.

MEDOVIKOV, I.; KOMENSKIY, S.

One story standard type harbor warehouse. Mor.flot 17 no.5:26-28 My '57. (MIRA 10:7)

1. Ekspert Tekhsoveta Ministerstva morskogo flota (for Medovikov).
2. Uchenyy sekretar' Nauchno-tekhnicheskogo obshchestva vodnogo transporta v Soyuzmorproyekte (for Komenskiy).
(Warehouses)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVIKOV, I.; KAMENSKIY, S.

Planning the housing projects for the marine transportation employees. Mor. flot 18 no.4:20-22 Ap '58. (MIRA 12:12)

1.Starshiy ekspert Tekhnicheskogo soveta Ministerstva morskogo flota (for Medovikov). 2.Uchenyy sekretar' Nauchno-tekhnicheskogo obshchestva vodnogo transporta Soyuzmorproyekta (for Kamenskiy)
(Apartment houses)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVIKOV, I.; YUZ, D.

Baku-Krasnovodsk railroad ferry transportation. Mor.flot. 19 no.11:25-27 N '59. (MIRA 13:3)

1. Chleny Tekhnicheskogo soveta Ministerstva morskogo flota. (Baku--Train ferries) (Krasnovodsk--Train ferries)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVIKOV, I.; DMITRENKO, S., inzh.

A new port in the Gulf of Aden. Mor. flot 25 no.5:43 My '65.
(MIRA 18:5)

1. Glavnyy inzh. proyekta Gosudarstvennogo proyektno-kostruktorskogo i nauchno-issledovatel'skogo instituta morskogo transporta Ministerstva morskogo flota SSSR (for Medovikov). 2. Gosudarstvennyy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut morskogo transporta Ministerstva morskogo flota SSSR (for Dmitrenko).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVIKOV, I.I., inzh.

Actual testing of prestressed reinforced concrete shells. Transp. stroi. 11 no.1:40-41 Ja '61. (MIRA 14:1)
(Prestressed concrete—Testing)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVIKOV, I.I., inzh.; FRIDMAN, Z.N., inzh.; MEDOVIKOV, I.M., inzh.

New method of shore protection. Transp.stroi. 13 no.9:30-32 S '63. (MIRA 16:12)

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MEDOVIKOV, I.M., inzh.

Construction of the Shirokiy Pier in the harbor of Novorossiysk. Transp.stroi. 10 no.6:24-26 Je '60. (MIRA 13:7)
(Novorossiysk--Piers)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVIKOV, I.I., inzh.; FRIDMAN, Z.N., inzh.; MEDOVIKOV, I.M., inzh.

New method of shore protection. Transp.stroi. 13 no.9:30-32 S '63. (MIRA 16:12)

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MEDOVIKOV, M.I.

Poultry fattening at the Kuntsevo Poultry Plant. Ptitsevodstvo 8 no.6:26 Je '58. (MIRA 11:6)

1.Nachal'nik tsekha otkorma ptitsy Kuntsevskoy ptitsefabriki.
(Poultry--Feeding and feeding stuffs)

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MEDOVIKOV, V.S.

Use of the trajectory plotter of the Moscow Engineering Physics Institute in designing electron guns with large conductance. Fiz. elek. no.1:20-26 '62. (MIRA 17:1)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

ITSIKSON, L.B.; MEDOVIKOVA, N.Ya.; KHEYFETS, Ye.M. [deceased]; RAPOPORT, I.B.

Use of type NaA synthetic zeolites in the drying of alcohols.
Khim. i tekh. topl. i masel 10 no.8:25-27 Ag '65. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti i gazov i polucheniyu iskusstvennogo zhidkogo topliva.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVNIK, Ya. Ye.

Qualified specialists are needed by plant measurement laboratories. Izm. tekh. no.12:57-58 D '60. (MIRA 13:11)
(Testing laboratories)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001033220008-2

MEDOVOY, Aleksandr Iosifovich; PAVLOV, A.G., red.; ROMANOVA, N.I., tekhn.red.

[Usurious capital in the agriculture of India] Rostovshchicheskii kapital v sel'skom khoziaistve Indii. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 197 p.
(MIRA 14:12)

(India--Agricultural credit)

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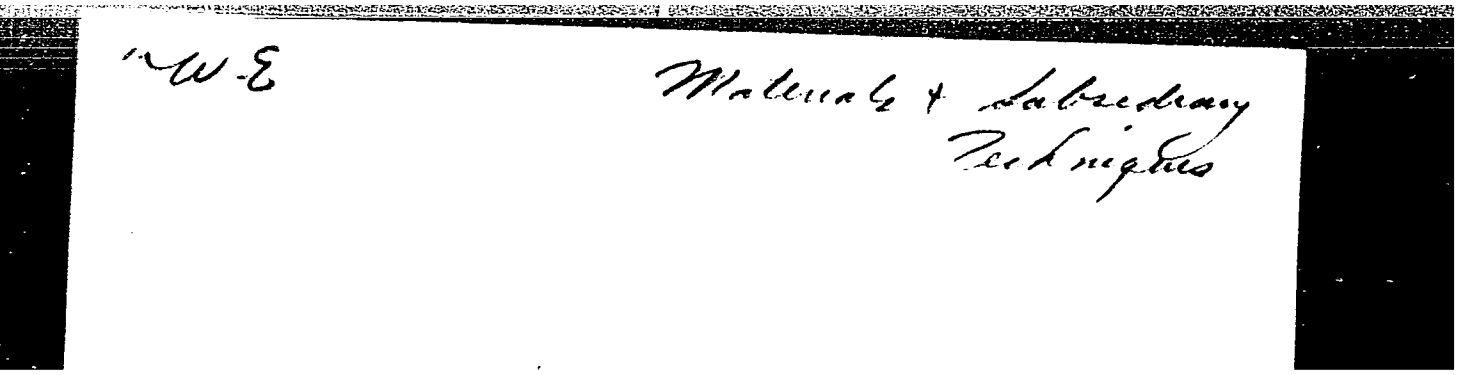

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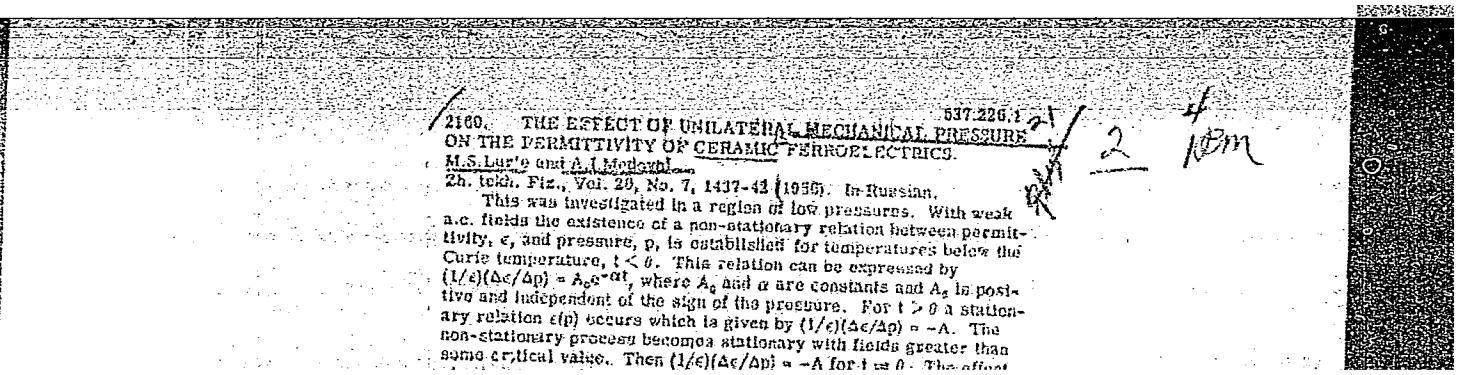

2160. THE EFFECT OF UNILATERAL MECHANICAL PRESSURE ON THE PERMITTIVITY OF CERAMIC FERROELECTRICS. 537.226.1

M.S.Lur'e and A.I.Medovnik

Zh. tekh. Fiz., Vol. 26, No. 7, 1437-43 (1956). In Russian.

This was investigated in a region of low pressures. With weak a.c. fields the existence of a non-stationary relation between permittivity, ϵ, and pressure, p, is established for temperatures below the Curie temperature, $t < \theta$. This relation can be expressed by $(1/\epsilon)(\Delta\epsilon/\Delta p) = A_0 e^{-\alpha t}$, where A_0 and α are constants and A_0 is positive and independent of the sign of the pressure. For $t > \theta$ a stationary relation $\epsilon(p)$ occurs which is given by $(1/\epsilon)(\Delta\epsilon/\Delta p) = -A$. The non-stationary process becomes stationary with fields greater than some critical value. Then $(1/\epsilon)(\Delta\epsilon/\Delta p) = -A$ for $t \leq \theta$. The effect

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